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PATENT
P55501

AMENDED SPECIFICATION

TITLE

[THE] DIGITAL CONTENT [ENCRYPTION APPARATUS AND
METHOD THEREOF] CRYPTOGRAPH AND PROCESS

[BACKGROUND OF THE DESCRIPTION]

CLAIM FOR PRIORITY

This application makes reference to, incorporates the same herein, and claims all rights
accruing thereto under 35 U.S.C. §119 through our patent applications entitled *The Digital Content*
Encryption Apparatus And Method Thereof earlier filed on the 24th day of September 1998 in the
Korean Industrial Property Office and there duly assigned Serial Nos. 1998/39808 and 1998/39809.

FIELD OF THE INVENTION

[1. Field of the invention]

The present invention is generally related to [the] encryption processes and apparatus [and
the method thereof], and, more particularly [to the encryption apparatus and the method thereof
which encrypts and transmits the digital content from the digital content transmission system by
using the key information, the user key and the temporary validation key, to decrypt and replay the

NEW SPECIFICATION

TITLE

DIGITAL CONTENT CRYPTOGRAPH AND PROCESS

CLAIM FOR PRIORITY

[0001] This application makes reference to, incorporates the same herein, and claims all rights accruing thereto under 35 U.S.C. §119 through our patent applications entitled *The Digital Content Encryption Apparatus And Method Thereof* earlier filed on the 24th day of September 1998 in the Korean Industrial Property Office and there duly assigned Serial Nos. 1998/39808 and 1998/39809.

FIELD OF THE INVENTION

[0002] The present invention is generally related to encryption processes and apparatus, and, more particularly, to processes and apparatus for the generation and use of keys in the transmission and replay of digital information.

BACKGROUND ART

[0003] Recently, with the flood of information provided by various media such as broadcasting and press, an atmosphere has been created by the information providers who are interested in providing integrated information that covers all of the media. Other users want to selectively receive